

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/775,288 Confirmation No. 1167  
Applicant : Shigeo Ted Oyama et al.  
Filed : February 10, 2004  
TC/A.U. : 1724  
Examiner : Robert A. Hopkins  
Docket No. : 1856-43000 (VTIP-03071)  
Customer No.: 35181  
Title: Hydrogen-Selective Silica-Based Membrane

**RESPONSE OFFICE ACTION DATED MAY 15, 2006**

Date: August 15, 2006

Mail Stop Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA. 22313-1450

Sir:

In response to the Office action of May 15, 2006, please amend the above-identified application as follows:

**Amendments to the Claims** are reflected in the listing of claims that begins on page 2 of this paper.

**Remarks/Arguments** begin on page 5 of this paper.

**Appendix A and B** discussed in the Remarks/Arguments section and begins on page 7 of this paper.